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sometimes within a few hours of the inoculation of the serum.

THE 1918 Directory of the American Chemical Society is now available for members. It contains 422 pages as compared with the 1916 directory's 289 pages, and it exceeds by approximately 4,000 the number of members listed in the 1916 issue. The directors have voted that it may be obtained by members from the secretary on payment of \$1.00 to cover partial cost of printing and upon their written statement that it is desired for their personal use only and will not be loaned or disposed of to any firm which they may or may not be connected or to any individual to be used for advertising purposes.

A COMMITTEE of the Scottish Geographical Society has been appointed for the formation of a complete collection of the old maps of Scotland, including all early atlases, county maps, charts, town plans and estate plans, and especially manuscript maps. The present acting members of the committee are the Hon. Lord Guthrie, president of the society; Professor P. Hume Brown, LL.D., historiographer royal; J. G. Bartholomew, cartographer to the King; W. B. Blaikie, LL.D., and Harry R. G. Inglis, members of the Council. Mr. Inglis has been appointed honorable custodian of the collection. To this committee the council has handed over the care of all early maps already in the possession of the society. The committee has acquired by purchase the collection of old Scottish maps belonging to the late Mr. C. G. Cash, who for many years made a special study of the subject; and through the generosity of certain donors and certain fortuitous circumstances, have been placed in such a position that they require only about half-a-dozen general maps to make the collection complete down to 1820, and they already have maps which do not appear in any of the public libraries of Scotland. The collection as it stands is unique, being more nearly complete than any yet gathered. So far, the expenses of the committee have been met by voluntary subscriptions, the amount of which on September 30, 1918, was £111.

## UNIVERSITY AND EDUCATIONAL NEWS

THE new mining and engineering building of the University of Arizona, which has been under construction since May, 1917, was opened on January 3. This building is the finest on the university campus and has been constructed and equipped at a total cost of \$210,000.

THE faculty of the school of medicine of Western Reserve University has voted to admit women next year.

FOR the first time in the history of the University of Pennsylvania, the doors of the university hospital are to be thrown open to women physicians, who will act as interns. Two women students in the medical department of the university who will graduate in June have been chosen by the managers of the hospital. They will assume their duties shortly after graduation.

PROFESSOR HAL W. MOSELEY has been promoted to be associate professor of chemistry in the Tulane University of Louisiana.

## DISCUSSION AND CORRESPONDENCE

### EUCALYPTUS NEVER PRESENT IN NORTH AMERICA

THE identification of the antipodean genus *Eucalyptus* in the fossil floras of Europe was the subject for a sweeping condemnation by the veteran systematist Bentham in one of his addresses. Without subscribing to the viewpoint of one who was at best a narrow specialist and could see nothing useful in the study of fossil plants, it remains true that the identification of *Eucalyptus* in many fossil floras has led to what I believe to be erroneous conclusions in the minds of many geologists and botanists who lack both time and the special knowledge for passing on the returns.

A few years ago I advanced a theory of origin and distribution for the family Myrtaceae which was based largely upon the recent and fossil distribution of the different tribes.<sup>1</sup> This theory in its broader outlines considered

<sup>1</sup> Berry, E. W., "The Origin and Distribution of the Family Myrtaceae," *Bot. Gaz.*, Vol. 59, pp. 484-490, 1915.